

Title (en)

METHOD AND DEVICE FOR COOLING AN INTERNAL COMBUSTION ENGINE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR KÜHLUNG EINES VERBRENNUNGSMOTORS

Title (fr)

PROCEDE ET DISPOSITIF DE REFROIDISSEMENT D'UN MOTEUR A COMBUSTION INTERNE

Publication

EP 3884145 A1 20210929 (FR)

Application

EP 19806024 A 20191016

Priority

- **FR 1871613 A 20181120**
- **FR 2019052446 W 20191016**

Abstract (en)

[origin: WO2020104735A1] The present invention concerns a method and a device for cooling an internal combustion engine using a thermostat, the opening of which is controlled by a threshold temperature value determined according to three clocks respectively counting the open time, the closed time of the thermostat and the driving time of the vehicle. The cooling method and device are arranged so as to protect the engine against gas build-up.

IPC 8 full level

F01P 7/16 (2006.01); **F01P 11/02** (2006.01)

CPC (source: EP)

F01P 7/167 (2013.01); **F01P 11/028** (2013.01); **F01P 11/0285** (2013.01)

Citation (search report)

See references of WO 2020104735A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

FR 3088677 A1 20200522; **FR 3088677 B1 20201113**; EP 3884145 A1 20210929; EP 3884145 B1 20221130; WO 2020104735 A1 20200528

DOCDB simple family (application)

FR 1871613 A 20181120; EP 19806024 A 20191016; FR 2019052446 W 20191016